

November 15, 1955

Dr. E. Sanchez-Monge
Estacion Experimental de Aula Dei
Apartado 202
Zaragoza

Dear Dr. Sanchez-Monge:

"Thank you for your inquiry on the definition of genetic "transduction". I have submitted the following brief definition to another dictionary, and the same should apply here:

" the transfer of a genetic fragment from one cell to another" e.g., the DNA-mediated "pneumococcus transformation" (Griffith 1928) and the virus-mediated transduction in Salmonella, (Zinder and Lederberg, 1952).

The first published use of the term in a genetic context is in "Cell Genetics and Hereditary Symbiosis", Physiological Reviews 32:403-430, 1952, by J. Lederberg. A more recent and extended discussion appears in the Jour. Cell. Comp. Physiology, 45, Suppl. 2, May 1955.

Yours sincerely,

Joshua Lederberg
Professor of Genetics